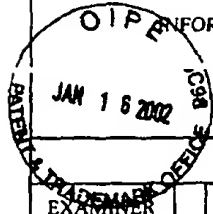


Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P21221	Serial No. 09/977,703
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Moriyasu SHIRAYANAGI	
		Filing Date October 16, 2001	Group 2873



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HD	5 0 5 0 9 7 9	09/24/91	SHINOHARA	—	—	
HD	5 0 5 0 9 8 0	09/24/91	SHINOHARA	—	—	
HD	5 3 5 3 0 7 2	10/04/94	TEJIMA et al.	—	—	
HD	5 5 5 0 6 0 0	08/27/96	UENO	—	—	
HD	5 6 1 0 6 7 0	03/11/97	UENO	—	—	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

TC 2800 MAIL ROOM

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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P21221	Serial No. 09/977,703
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
HD	6 0 8 9 7 1 3	07/18/00	HOF et al.	—	—	
HD	6 0 5 6 4 0 1	05/02/00	SHIRAYANAGI	—	—	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
9 7 1 2 3 8 0 4	07/03/97	W.I.P.O.	—	—	
9 9 1 0 4 3 0 7	01/28/99	W.I.P.O.	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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